

METHOD FOR PRODUCING A WINDING SUPPORT FOR AN ELECTRICAL MACHINE

Abstract

A method for producing a winding support (14) for an electrical machine (10), in which the winding support has a plurality of pole teeth (20), is proposed. Adjacent pole teeth (201, 208) between them define at least one slot (211), which is filled with at least one winding (18) each. The pole teeth (201, 208), before being filled, have an installation position relative to one another for installation into the electrical machine (10). At least one of the pole teeth (201, 208), which define a slot (211), is bent, before the filling of the at least one slot (211) with the winding (181), by a force action (36) into a filling position, so that the cross-sectional area of the at least one slot (211) that it defines is increased. Then the winding (181) is placed in the slot (211). Next, the at least one of the adjacent pole teeth (201, 208) is put out of the filling position into the installation position. As a result, a higher copper factor and thus higher power of the machine (10) can be attained.

(Fig. 2)